

## **AMENDMENTS TO THE ABSTRACT**

Please amend the Abstract as follows:

Disclosed is a multi-layer user management method for multicasting. First, a user management for multicasting groups is divided into three layers: management at an interface layer for controlling multicasting characteristics corresponding to interfaces, management at a data link layer for controlling multicasting characteristics corresponding to data links and management at user layer for controlling multicasting characteristics corresponding to particular users, and at each layer control blocks that are respectively comprised of data corresponding to said each layer are set. Secondly, a data relationship among the three layers of control blocks is established. Lastly, particular users' joining or leaving of the multicasting groups are managed through the data relationship among the three layers of control blocks.